Test Report
Consistency test

oject Name	Improvements to Renuka Yellamma Temple Compound Near AD Colony in Chowdeshwari
ient	The Asst. Executive Engineer, Yelahanka Division, BBMP
b No	QCDC/BBMP/YNK/09/2019-2020
x Type	PCC(1:4:8)
ntractor	Sri. P. Ravichandra
st Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
terial	Cement
mple No	1
mple Collected Date	3-Oct-2019
t Date	5-Oct-2019

Sl. No.	Description	Trial 1	Trial 2	Trial 3	Trial 4	Trial 4
1	Weight of Cement	400	400	400	400	400
2	Percentage of water added (%)	27	28.5	29.5	30	31
3	Weight of Water (gm)	108	114	118	120	124
4	Initial Reading of Plunger (mm)	40	40	40	40	40
5	Difference (mm)	21	18	13	6.5	5

Results: Standard Consistency of Cement: 30.50%

i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

AE-2 A.E.E

AE-02

For Qualiex Civil Design & Consultancy

Authorised Signature

QUALIEX CIVIL DESIGN & CONSULTANCY

Scanned by CamScanner

Test Report
Fineness test

Project Name	Improvements to Renuka Yellamma Temple Compound Near AD Colony in Chowdeshwari Ward No.02
Client	The Asst. Executive Engineer, Yelahanka Division, BBMP
Job No	QCDC/BBMP/YNK/09/2019-2020
Mix Type	PCC(1:4:8)
Contractor	Sri. P. Ravichandra
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Material	Cement
Sample No	1
Sample Collected Date	3-Oct-2019
Test Date	5-Oct-2019

Sl. No.	Determination	Trial 1	Trial 2
1	Weight of Cement before sieve (gm)	100	100
2	Weight of residue retained on 90um sieve (gm)	3.2	2.9
3	Percentage retained (%)	3.2	2.9
4	Average Percentage retained (%)	3.05	

Results: Residue of cement is: 2.9%

Comments: Maximum allowable residue by mass for ordinary portlad cement is 10%

Note:
i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

For Qualiex Civil Design & Consultancy

AE-V A.E.E AE-02

Authorised Signature

QUALIEX CIVIL DESIGN & CONSULTANCY

Scanned by CamScanner